



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### KENTUCKY, Northeast

<b>Carter County</b>									
Grayson	05	1631EST			0	0			Hail(0.75)

### OHIO, Southeast

NONE REPORTED.

### VIRGINIA, Northwest

<b>Dickenson County</b>									
Blowing Rock	14	1740EST			0	0			Thunderstorm Wind (EG50)
		Several trees were blown down.							

### WEST VIRGINIA, West

<b>Mason County</b>									
2 SE Glenwood	05	1800EST			0	0			Thunderstorm Wind (EG50)
		Several trees fell down along Guyan Creek.							

<b>Mingo County</b>									
Red Jacket	16	1405EST			0	0			Hail(0.75)

<b>Fayette County</b>									
Oak Hill	16	1452EST			0	0			Hail(0.88)

<b>Raleigh County</b>									
Beaver	16	1505EST			0	0			Hail(1.75)

<b>Raleigh County</b>									
Fitzpatrick	16	1515EST			0	0			Thunderstorm Wind (EG50)
		Trees were knocked down.							

<b>Mingo County</b>									
Borderland to Chattaroy	19	0720EST 0900EST			0	1	225K		Flash Flood

Repetitive thunderstorms dropped southeast along a warm frontal boundary. The rain moved along the Kentucky border with West Virginia, beginning around 0400E. Buffalo Creek and Dans Branch were hit the hardest. Rain estimates of 3 to 3.5 inches fell in 3 to 4 hours. The area was damp from rainfall the previous day. Nearby, Williamson measured 3.75 inches of rain at dawn on the 19th. Much of that rain was from the previous day. The 24 hour amount ending on the 20th was 2.23 inches.

Water rose mostly into yards and garages with debris left on fences. Two homes had major damage. Two other houses sustained minor damage. One Chattaroy woman was slightly injured when she lost her footing, slipped into the stream, and went through a culvert. Small private bridges were also damaged.

<b>Tyler County</b>									
3 SE Middlebourne	20	1715EST			0	0			Thunderstorm Wind (EG50)
		Several large tree branches were blown down along Route 18.							

<b>Gilmer County</b>									
Countywide	29	1414EST 1730EST			0	0	200K		Flash Flood
		Leading Creek flooded roads and washed out culverts near Alice. Near Troy, a barn and a house had water damage. West of							



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### WEST VIRGINIA, West

Glenville, Sinking Creek flooded roads. Horn Creek around Cox Mills and the Right Fork of Steer Creek near Shock flooded.

Near the Braxton County line, the cooperative observer near Rosedale measured 3.8 inches of rain in 24 hours, while Glenville had 2.7 inches. The majority of this rain fell in 3 hours or less time.

#### **Putnam County**

##### **Hurricane to 1 NE Poca**

29	1415EST 1615EST	0	0	25K	Flash Flood
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Rains of 2 to 2.5 inches fell on ground affected by 1 to 3 inches on the afternoon of the 26st. Little Hurricane Creek flooded County Route 29. Manila and Heizer Creeks flooded onto roads. Roads were damaged, but no evacuations or significant property damage occurred.

#### **Calhoun County**

##### **South Portion**

29	1500EST 1800EST	0	0	900K	Flash Flood
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Most of the flooding occurred from the headwaters of the West Fork of the Little Kanawha River, including Walker Creek and Walnut Fork, on north, to the Arnoldsburg and Millstone vicinity. In 3 hours ending at 1600E, 3.45 inches of rain fell at the gauge near Walnut.

About 75 family dwellings, 3 businesses, 1 fire hall, and a community building sustained some degree of water damage. In Arnoldsburg, 2 houses were flooded, but most of the damage was along Route 16 near Stinson, Chloe, and Minnora. Four cars, 1 truck, 1 motorcycle, and 2 four wheelers were destroyed. On Walnut Road, 30 bales of hay floated down and backed up the water at the bridge crossing Route 16. In Calhoun County, the Red Cross issued 80 cleaning kits.

#### **Kanawha County**

##### **Tornado to Charleston**

29	1510EST 1615EST	0	0	5K	Flash Flood
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Rains of 1.5 to 2.5 inches fell in less than 3 hours. Smith Creek flooded roads. Basement flooding occurred in downtown Charleston.

#### **Lewis County**

##### **West Portion**

29	1524EST 1830EST	0	0	500K	Flash Flood
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After rains of 2 to 3 inches in a time frame of 3 hours or less, small stream flooding was common west of the Interstate 79 corridor. The headwaters of Leading Creek flooded, including Fink Creek, Alum Fork, and Philips Fork. Some of the other streams that flooded included Freemans Creek, Millstone Run, and McCann Run. Communities such as Alum Bridge, Pickle Street, Vadis, Freemansburg, Valley Chapel, and Churchville were affected by the high water.

A total of 27 homes were affected to some degree by the flooding. One home was destroyed. One school had 9 inches of water inside. One one church school had 3 feet of water. One post office had 18 inches of water inside. Three businesses suffered water damage. Five small private bridges were washed out or made impassible.

The Red Cross aided the flood recovery for 4 days. Nine trash dumpsters were provided by the county for debris removal.

#### **Clay County**

##### **Nebo to Big Otter**

29	1545EST 1745EST	0	0	50K	Flash Flood
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Rainfall was estimated at over 3 inches in a time frame of 3 hours or less. These heavy rain amounts affected the extreme northern part of the county. This included the headwaters of Big Otter Creek, plus the source area of the West Fork of the Little Kanawha River near Nebo. Water flowed over roads. A nursing home was flooded in Big Otter.



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### WEST VIRGINIA, West

#### Braxton County

Rosedale to  
Servia

29	1600EST 1800EST			0	0	25K	Flash Flood
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Streams such as the Right Fork of Steer Creek, Duck Creek, and Left Fork flooded. The 24 hour rain amount from the cooperative observer near Rosedale, but on the Gilmer side of the county line, was 3.8 inches of rain, most of which likely fell in about 3 hours.

Roads and culverts were damaged, but no major damage to dwellings was reported

#### Harrison County

Lost Creek

29	1640EST 1830EST			0	0	25K	Flash Flood
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Lost Creek flooded a few dwellings in the extreme southern part of the county. The fire department evacuated the affected residents

#### Roane County

Newton to  
Amma

29	1715EST 1815EST			0	0	25K	Flash Flood
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The headwaters of the Big Sandy Creek flooded. Culverts were washed out. Roads were blocked by the high water. Bales of hay floated downstream.

Low level moisture convergence, in a humid air mass, helped trigger the heavy showers across central West Virginia. The convergence was indirectly related to the circulation of Hurricane Katrina. The hurricane was coming ashore in Louisiana and Mississippi. The heaviest rain totals were oriented from near Wallback toward Rosedale, or along the county lines of Roane with Clay, Calhoun with Clay, Calhoun with Braxton, and Gilmer with Braxton. The axis of the heavier rain then continued northeast, through western Lewis County and into southern Harrison County.